

Form PTO-1449 (modified)		Atty. Docket No. NBLE:007US	Serial No. 10/659,755
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Richard A. Dixon <i>et al.</i>	
		Filing Date: September 10, 2003	Group: 1638
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
/RK/	B2	WO 00/44909	08/03/00	WIPO	English
/RK/	B3	WO 03/106633	12/24/03	WIPO	English

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/RK/	C30	Dixon <i>et al.</i> , "Metabolic Engineering of Flavonoid/Isoflavonoid Biosynthesis," <i>Abstracts of Papers American Chemical Society</i> , 219, Abstract 152, 2000.
/RK/	C31	Liu <i>et al.</i> , "Direction Metabolic Flux Toward Engineered Isoflavone Nutraceuticals in Transgenic Arabidopsis," In: <i>Plant Biotechnology 2002 and Beyond: Proceedings of the 10th IAPTC&B Congress</i> , Vasil (ed.), Kulwer Academic Publishers, Dordrecht, 2003.
/RK/	C32	Liu <i>et al.</i> , "Metabolic engineering of isoflavonoid biosynthesis in Arabidopsis thaliana," <i>Plant Biology</i> , Abstract 209, 2000.
/RK/	C33	White and Greenwood, "Transformation of the forage legume Trifolium repens L. using binary Agrobacterium vectors," <i>Plant Molecular Biology</i> , 8:461-469, 1987.
/RK/	C34	Yu <i>et al.</i> , "Metabolic engineering to increase isoflavone biosynthesis in soybean seed," <i>Phytochemistry</i> , 63:753-763, 2003.

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EXAMINER: /Russell Kallis/

DATE CONSIDERED: 07/20/2007

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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Serial No.

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List of Patents and Publications for Applicant's

Applicant

Richard A. Dixon *et al.*

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
/RK/	A1	6,121,512	9/19/00	Siminszky et al.	800	298	10/10/97

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/RK/	C24	GenBank GI:166397, January 29, 1997.
/RK/	C25	GenBank GI:393000, January 30, 1997.
/RK/	C26	GenBank GI:456399, January 28, 1997.
/RK/	C27	Kim et al., "Brassica rapa has three genes that encode proteins associated with different neutral lipids in plastids of specific tissues," <i>Plant Physiology</i> , 126:330-341, 2001.
/RK/	C28	Liu et al., "Bottlenecks for metabolic engineering of isoflavone glycoconjugates in arabidopsis," <i>PNAS</i> , 99:14578-14583, 2002.
/RK/	C29	Yu et al., "Production of the isoflavones genistein and daidzein in non-legume dicot and monocot tissues," <i>Plant Physiology</i> , 122:781-793, 2000.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/RK/	C23	Wisman et al., "Knock-out mutants from an En-1 mutagenized arabidopsis thaliana population generate phenylpropanoid biosynthesis phenotypes," <i>Proc. Natl. Acad. Sci. USA</i> , 95:12432-12437, 1998.

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Foreign Patent Documents

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/RK/	B1	WO 00/53771	03/08/00	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/RK/	C1	Akashi <i>et al.</i> , "Cloning and functional expression of a cytochrome P450 cDNA encoding 2-hydroxyisoflavanone synthase involved in biosynthesis of the isoflavanoid skeleton in licorice," <i>Plant Physiol.</i> , 121:821-828, 1999.
/RK/	C2	Dixon <i>et al.</i> , "Comparative biochemistry of chalcone isomerases," <i>Phytochemistry</i> , 27(9):2801-2808, 1988.
/RK/	C3	Dixon, In: <i>Comprehensive Natural Products Chemistry</i> , Vol. 1, Sankawa (ed.), Elsevier, 773-823, 1999.
/RK/	C4	Dixon and Ferriera, "Molecules of interest: Genistein," <i>Phytochemistry</i> , 60:205-211, 2002.
/RK/	C5	Dong <i>et al.</i> , "Functional conservation of plant secondary metabolic enzymes revealed by complementation of arabidopsis flavanoid mutants with maize genes," <i>Plant Physiology</i> , 127:46-57, 2001.
/RK/	C6	GenBank Accession Number AC092697.
/RK/	C7	GenBank Accession Number AF022462.
/RK/	C8	GenBank Accession Number AJ278457
/RK/	C9	GenBank Accession Number AJ295587.1
/RK/	C10	GenBank Accession Number M91079

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Exam. Init.	Ref. Des.	Citation
/RK/	C11	Hakamatsuka <i>et al.</i> , "Purification of 2-hydroxyisoflavanone dehydratase from the cell cultures of <i>pueraria lobata</i> ," <i>Phytochemistry</i> , 49(2):497-505, 1998.
/RK/	C12	Jung <i>et al.</i> , "Identification and expression of isoflavone synthase, the key enzyme for biosynthesis of isoflavones in legumes," <i>Nature BioTech.</i> , 18:208-212, 2000.
/RK/	C13	Junghans <i>et al.</i> , "Stress responses in alfalfa (<i>medicago sativa</i> L.). 15. Characterization and expression patterns of members of a subset of the chalcone synthase multigene family," <i>Plant Mol. Biol.</i> , 22:239-253, 1993.
/RK/	C14	McKhann and Hirsch, "Isolation of chalcone synthase and chalcone isomerase cDNAs from alfalfa (<i>medicago sativa</i> L.): highest transcript levels occur in young roods and root tips," <i>Plant Mol. Biol.</i> , 24(5):767-777, 1994.
/RK/	C15	Muir <i>et al.</i> , "Overexpression of petunia chalone isomerase in tomato results in fruit containing increased levels of flavonols," <i>Nature Biotech.</i> , 19:470-474, 2001.
/RK/	C16	Schröder, "A family of plant-specific polyketide synthases: facts and predictions," <i>Trends in Plant Sci.</i> , 2(10):373-378, 1997.
/RK/	C17	Steele <i>et al.</i> , "Molecular characterization of the enzyme catalyzing the aryl migration reaction of isoflavaniod biosynthesis in soybean," <i>Arch. Biochem. Biophys.</i> , 367(1):146-150, 1999.
/RK/	C18	Stochmal <i>et al.</i> , "Alfalfa (<i>medicago sativa</i> L.) flavanoids. 2. Tricin and chrysoeriol glycosides from aerial parts," <i>J. Agric. Food Chem.</i> , 49:5310-5314, 2001.
/RK/	C19	Stochmal <i>et al.</i> , "Alfalfa (<i>medicago sativa</i> L.) flavanoids. 1. Apigenin and luteolin glycosides from aerial parts," <i>J. Agric. Food Chem.</i> , 49:753-758, 2001.
/RK/	C20	Winkel-Shirley, "Evidence for enzyme complexes in the phenylpropanoid and flavanoid pathways," <i>Physiologia Plantarum</i> , 107:142-149, 1999.
/RK/	C21	Ye <i>et al.</i> , "Engineering the provitamin A (β -carotene) biosynthetic pathway into (carotenoid-free) rice endosperm," <i>Science</i> , 287:303-305, 2000.
/RK/	C22	Yu <i>et al.</i> , "Production of the isoflavones genistein and daidzein in non-legume dicot and monocot tissues," <i>Plant Physiology</i> , 124:781-794, 2000.

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